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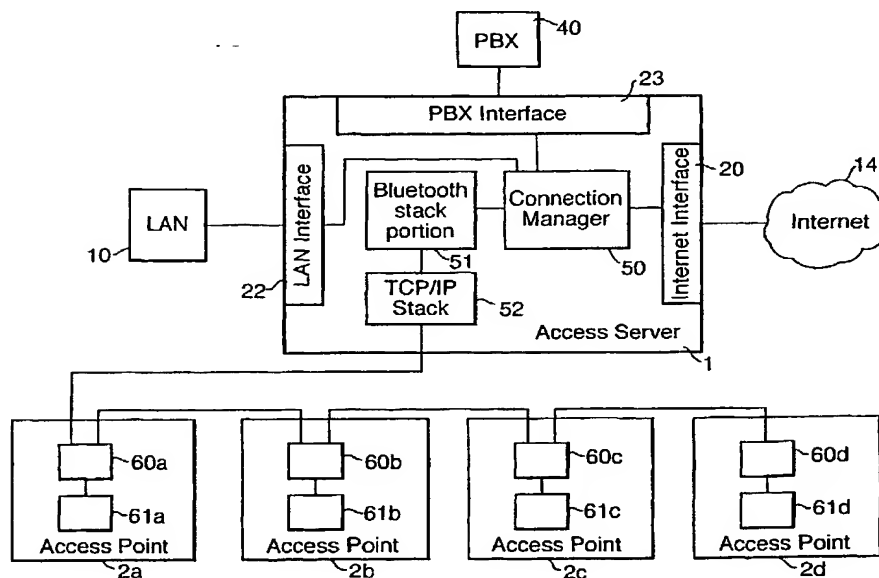
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(54) Title: **DISTRIBUTED BLUETOOTH COMMUNICATIONS NETWORK**



(57) Abstract: The present invention provides a system in which a number of independent nodes in a communications network are connected in series to a server controlling the nodes. Each node in the network is capable of independently transmitting and receiving data over a wireless connection. In a preferred embodiment this is achieved by splitting the processing stack between the nodes and the server. Furthermore, in the present invention the server includes a power supply which is coupled to the nodes via the communications link. The power is transferred from the power supply to the nodes via the series communications link. This further simplifies the wiring required for the communications system.

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